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PENSYARAH UNIVERSITI DS14

CONTACT

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Faculty: Fakulti Sains
Dan Teknologi

SUPERVISION

PhD - Completed: 3, Ongoing: 8

Master - Completed: 1,
Ongoing: 2

AREAS OF EXPERTISE

Computer Forensic

Cybersecurity And Cyberwarfare Preparedness

Expert Systems And Machine Learning

ACADEMIC QUALIFICATION

PhD in Digital Forensic / Computer Security (2012)

RESEARCH

1. DEVELOPMENT OF SMART LUGGAGE TROLLEY TRACKING SYSTEM (S-TRACKER) USING NB-IOT TECHNOLOGIES FOR SUSTAINABLE LOGISTIC MANAGEMENT AT KUALA LUMPUR INTERNATIONAL AIRPORT

2025

GERAN KPT

ON GOING

MAIN RESEARCHER

2. AN AI-EMBEDDED WEB INTELLIGENCE SYSTEM FOR AUTOMATED MULTI-SOURCE KNOWLEDGE EXTRACTION, COMPARISON, AND DECISION SUPPORT

2025

BIDUNI MIZANNIYAH

ON GOING

MAIN RESEARCHER

3. DEVELOPMENT OF SMART LUGGAGE TROLLEY TRACKING SYSTEM (S-TRACKER) USING NB-IOT TECHNOLOGIES FOR SUSTAINABLE LOGISTIC MANAGEMENT AT KUALA LUMPUR INTERNATIONAL AIRPORT

2025

GERAN PENYELIDIKAN INDUSTRI

ON GOING

MAIN RESEARCHER

4. DEVELOPMENT OF SMART LUGGAGE TROLLEY TRACKING SYSTEM (S-TRACKER) USING NB-IOT TECHNOLOGY

2024

GERAN PENYELIDIKAN INDUSTRI

ON GOING

MAIN RESEARCHER

5. SMART CROPS: CIRCADIAN RHYTHMS OPTIMIZATION (CROPS) IN HEALTHCARE SHIFT WORKERS USING DEEP LEARNING APPROACH

2024

GERAN PENYELIDIKAN INDUSTRI

ON GOING

MAIN RESEARCHER

RESEARCH

6. INTEGRATING CLINICAL ASSESSMENT WITH MACHINE LEARNING FOR DETECTING ONLINE DEPRESSIVE SYMPTOMS AMONG MEDICAL STUDENTS THROUGH SOCIAL MEDIA TEXTS

2024 BIDUNI MIZANNIYAH ON GOING MAIN RESEARCHER

7. CYBERSECURITY AND SYSTEMS (CSS)

2024 GERAN KUMPULAN PENYELIDIKAN (KUP) ON GOING CO-RESEARCHER

8. TERMITES TRACKER: AUTOMATIC CLASSIFICATION OF TERMITES GENERA IMAGES USING DEEP LEARNING CLASSIFIER APPROACH FOR ENTOMOLOGISTS IN BORNEO ISLAND

2023 GERAN SEPADAN AGENSI KERAJAAN ON GOING MAIN RESEARCHER

9. MISMIS RESOURCE PLANNING ANALYTICS SYSTEM (MRPAS)

2020 GERAN PENYELIDIKAN AGENSI KERAJAAN COMPLETED MAIN RESEARCHER

10. STRATEGY DEVELOPMENT ON E-LEARNING SOFTWARE PLATFORM

2020 GERAN PENYELIDIKAN INDUSTRI COMPLETED MAIN RESEARCHER

11. UNSUPERVISED AUTOMATED KEYWORD EXTRACTION MECHANISM FROM PARALLEL CORPORA FOR A MULTI-LINGUAL INFORMATION RETRIEVAL ONLINE QUERY TRANSLATION

2020 GERAN KPT ON GOING CO-RESEARCHER

12. KIPLE FRAUD MANAGEMENT SYSTEM

2019 PROJEK REVOLUSI INDUSTRI 4.0 COMPLETED MAIN RESEARCHER

13. NOVEL INTERNET OF MEDICAL THINGS (IOMT) BASED DATA MANAGEMENT ALGORITHM TO TRANSFORM TRADITIONAL RESUSCITATION ROOM PROCEDURE TO SMART RESUSCITATION ROOM.

2019 GERAN KPT COMPLETED MAIN RESEARCHER

14. EXPLORING THE CULTURAL HERITAGE AND NUTRITIONAL VAKUES OF FOOD IN KAMPUNG BHARU FOOD TRAIL

2019 GERAN PENYELIDIKAN INDUSTRI COMPLETED CO-RESEARCHER

15. DEVELOPMENT OF HOME LEELECTROCARDIOGRAM ASSESMENT REALIABLE TOOL (HEART) : A CLOUD BASED, WEARABLE, WIRELESS, SINGLE-LEAD ELECTROCARDIOGRAM

2019 GERAN SEPADAN INDUSTRI ON GOING CO-RESEARCHER

16. INTERACTIVE AND AUTOMATED COURSE SCHEDULING SYSTEM, FOR USIM

2016 GERAN PENYELIDIKAN TRANSLASIONAL COMPLETED MAIN RESEARCHER

17. MOBILE FORENSIC EVIDENCE EXTRACTION TOOL (D-MOBILE)

2015 GERAN PENYELIDIKAN JANGKA PENDEK COMPLETED MAIN RESEARCHER

18. KNOWLEDGE RESERVOIR THROUGH THE INTEGRATION OF NAQLI AND AQLI KNOWLEDGE FROM HETEROGENEOUS EXPERTISE AND SOURCES

2014 GERAN KPT COMPLETED CO-RESEARCHER

PUBLICATION

1. IMPROVING PERFORMANCE USING 2 X 2 SINGLE ELEMENT MASSIVE MIMO ANTENNA IN 6G DEVICES

JOURNAL OF NANO- AND ELECTRONIC PHYSICS

2025 JOURNAL OTHER DATABASE MAIN AUTHOR

2. ADAPTING EXISTING PRACTICES FOR ISMS-CERTIFIED ORGANIZATIONS IN SUPPORT OF RESPONSIBLE AI

ASEAN ENGINEERING JOURNAL

2025 JOURNAL OTHER DATABASE CO-AUTHOR

3. HYBRID CNN TRANSFORMER ARCHITECTURE FOR ENHANCED EEG BASED EMOTION RECOGNITION: CAPTURING LOCAL AND GLOBAL DEPENDENCIES WITH SELF ATTENTION MECHANISMS

DISCOVER COMPUTING

2025 JOURNAL OTHER DATABASE CO-AUTHOR

4. FRAMEWORK-DRIVEN GUIDELINE GENERATION FOR AI ADOPTION: A RISK-BASED PERSPECTIVE

JOURNAL OF THEORETICAL AND APPLIED INFORMATION TECHNOLOGY

2025 JOURNAL OTHER DATABASE CO-AUTHOR

5. RESPONSIBLE PROCUREMENT OF AI APPLICATIONS: A RISK-BASED FRAMEWORK FOR MALAYSIAN GOVERNMENT AGENCIES

MATHEMATICAL SCIENCES AND INFORMATICS JOURNAL

2025 JOURNAL OTHER DATABASE CO-AUTHOR

6. SMART DIARY FORMS: ARTIFICIAL INTELLIGENCE FOR EFFICIENT DIARY FARMING

MATHEMATICAL MODELLING OF ENGINEERING PROBLEMS

2025 JOURNAL OTHER DATABASE CO-AUTHOR

7. ENHANCING EMOTION RECOGNITION THROUGH MULTI-MODAL DATA FUSION AND GRAPH NEURAL NETWORKS

INTELLIGENCE-BASED MEDICINE

2025 JOURNAL SCOPUS CO-AUTHOR

8. DEVELOPING BLOCK CHAIN TECHNOLOGY ON ABCN NETWORK CONTROLLER FOR FLYBACK CONVERTER FED PV GRID IN MODERN POWER SYSTEM USING IOT

GEOSCIENCE JOURNAL

2025 JOURNAL SCOPUS CO-AUTHOR

9. A SYSTEMATIC REVIEW OF MACHINE LEARNING ALGORITHMS FOR MENTAL HEALTH DETECTION USING SOCIAL MEDIA DATA

INTERNATIONAL JOURNAL ON ISLAMIC APPLICATIONS IN COMPUTER SCIENCE AND TECHNOLOGY

2025 JOURNAL SCOPUS CO-AUTHOR

10. NOVEL APPROACHES TO PLASTIC POLLUTION: LEVERAGING MACHINE LEARNING AND METAPROTEOMICS FOR ADVANCED PLASTIC DEGRADATION

MALAYSIAN JOURNAL OF SCIENCE AND ADVANCED TECHNOLOGY

2025 JOURNAL MYCITE CO-AUTHOR

11. MACHINE LEARNING FOR ASTHMA PREDICTION: ANALYZING HEALTH DATA FOR EARLY DETECTION

INTERNATIONAL CONFERENCE ON IT INNOVATION AND KNOWLEDGE DISCOVERY (ITIKD)

2025 PROCEEDING NON-INDEX MAIN AUTHOR

12. PREDICTING CO-MORBID CHRONIC DISEASES: HYPERTENSION AND DIABETES USING DEEP LEARNING

INTERNATIONAL CONFERENCE ON IT INNOVATION AND KNOWLEDGE DISCOVERY (ITIKD)

2025 PROCEEDING SCOPUS MAIN AUTHOR

13. SECURITY WEARABLE GADGET FOR WOMEN UTILIZING THE INTERNET OF THINGS

INTERNATIONAL CONFERENCE ON RECENT INNOVATION IN SCIENCE ENGINEERING AND TECHNOLOGY (ICRISET)

2025 PROCEEDING SCOPUS MAIN AUTHOR

PUBLICATION

14. INTERNET OF THINGS (IOT) SECURITY AND PRIVACY: ISSUES AND THEIR SOLUTIONS

INTERNATIONAL CONFERENCE ON RECENT INNOVATION IN SCIENCE ENGINEERING AND TECHNOLOGY (ICRISET)

2025 PROCEEDING SCOPUS MAIN AUTHOR

15. MACHINE LEARNING ALGORITHMS FOR THE EXTENSIVE FORECASTING OF PARKING ACCESSIBILITY IN SUSTAINABLE URBAN AREAS

INTERNATIONAL CONFERENCE ON RECENT INNOVATION IN SCIENCE ENGINEERING AND TECHNOLOGY (ICRISET)

2025 PROCEEDING SCOPUS MAIN AUTHOR

16. PARKINSON'S DISEASE PROGRESSION PREDICTION USING TRANSFORMER ? BASED TIME- SERIES MODELS AND EXPLAINABLE AI (XAI)

INTERNATIONAL CONFERENCE ON SENSORS AND RELATED NETWORKS (SENNET) SPECIAL FOCUS ON DIGITAL HEALTHCARE(64220)

2025 PROCEEDING SCOPUS MAIN AUTHOR

17. ADAPTIVE MODEL RETRAINING VIA INTELLIGENT DATA EXTRACTION FOR DISTRIBUTION SHIFTS

IEEE INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE IN ENGINEERING AND TECHNOLOGY (IICAIET)

2025 PROCEEDING SCOPUS CO-AUTHOR

18. GEOSPATIAL MACHINE LEARNING FOR AIR POLLUTION PREDICTION AND RISK ASSESSMENT

INTERNATIONAL CONFERENCE ON SENSORS AND RELATED NETWORKS (SENNET) SPECIAL FOCUS ON DIGITAL HEALTHCARE(64220)

2025 PROCEEDING SCOPUS CO-AUTHOR

19. THE MODEL INCORPORATED MACHINE LEARNING ALGORITHMS FOR MODEL RETRAINING MONITORED BY MODEL MONITORING FOR DATA QUALITY ALIGNMENT

INTERNATIONAL CONFERENCE ON METAVERSE AND CURRENT TRENDS IN COMPUTING (ICMCTC)

2025 PROCEEDING SCOPUS CO-AUTHOR

20. TRANSFORMING WORKFORCE EFFICIENCY WITH MACHINE LEARNING: A NEXT-GEN APPROACH

2ND INTERNATIONAL CONFERENCE ON COMPUTING AND DATA SCIENCE (ICCDs)

2025 PROCEEDING SCOPUS CORRESPONDING AUTHOR

21. AUTO-IMAGE CAPTION GENERATOR USING ARTIFICIAL INTELLIGENCE

INTERNATIONAL CONFERENCE ON SENSORS AND RELATED NETWORKS (SENNET) SPECIAL FOCUS ON DIGITAL HEALTHCARE(64220)

2025 PROCEEDING SCOPUS CORRESPONDING AUTHOR

22. REAL-TIME EYE-TRACKING-BASED CURSOR CONTROL FOR INTELLIGENT HUMAN-COMPUTER INTERACTION

INTERNATIONAL CONFERENCE ON SENSORS AND RELATED NETWORKS (SENNET) SPECIAL FOCUS ON DIGITAL HEALTHCARE(64220)

2025 PROCEEDING SCOPUS CORRESPONDING AUTHOR

23. MACHINE LEARNING-BASED CLASSIFICATION OF TERMITE GENERA

2024 IEEE INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE IN ENGINEERING AND TECHNOLOGY (IICAIET)

2024 JOURNAL SCOPUS MAIN AUTHOR

24. ENHANCE DATA AVAILABILITY AND NETWORK CONSISTENCY USING ARTIFICIAL NEURAL NETWORK FOR IOT

MULTIMEDIA TOOLS AND APPLICATIONS

2024 JOURNAL ERA CO-AUTHOR

25. REVIEW OF ARTIFICIAL INTELLIGENCE TECHNIQUES USED IN IOT NETWORKS

INDERSCIENCE ONLINE

2024 JOURNAL SCOPUS CO-AUTHOR

26. MULTIMODAL RAG ANALYSIS OF PRODUCT DATASHEET

OPEN INTERNATIONAL JOURNAL OF INFORMATICS (OIJi)

2024 JOURNAL OTHER DATABASE MAIN AUTHOR

PUBLICATION

27. GUIDELINES TO PREVENT SOCIAL ENGINEERING ATTACKS FOR LAW ENFORCEMENT AGENCY

8TH INTERNATIONAL CONFERENCE ON INFORMATION TECHNOLOGY AND SOCIETY 2024 (ICITS 2024)

2024 PROCEEDING SCOPUS MAIN AUTHOR

28. A SYSTEMATIC REVIEW OF MACHINE LEARNING ALGORITHMS FOR MENTAL HEALTH DETECTION USING SOCIAL MEDIA DATA

12TH INTERNATIONAL CONFERENCE ON ISLAMIC APPLICATIONS IN COMPUTER SCIENCE AND TECHNOLOGIES (IMAN?24)

2024 PROCEEDING NON-INDEX CO-AUTHOR

29. CYBERSECURITY ISSUES AND CHALLENGES IN QUANTUM COMPUTING

TOPICS IN ARTIFICIAL INTELLIGENCE APPLIED TO INDUSTRY 4.0

2024 CHAPTER IN BOOK MAIN AUTHOR

30. CLASSIFICATION OF FILELESS MALWARE UNDER ADVANCED PERSISTENT THREAT (APT) ATTACK

INTERNATIONAL CONFERENCE ON RESEARCH AND PRACTICES IN SCIENCE, TECHNOLOGY AND SOCIAL SCIENCES (I-CREST)

2023 PROCEEDING SCOPUS MAIN AUTHOR

31. CLASSIFICATION OF FILELESS MALWARE UNDER ADVANCED PERSISTENT THREAT (APT) ATTACK

INTERNATIONAL CONFERENCE ON RESEARCH AND PRACTICES IN SCIENCE, TECHNOLOGY AND SOCIAL SCIENCES

2023 PROCEEDING SCOPUS MAIN AUTHOR

32. PREDICTION MODEL FOR HEART DISEASE USING CLUSTERING AND CLASSIFICATION TECHNIQUES.

PROCEEDINGS OF RAZAK ANNUAL TECHNOLOGY, INFORMATICS AND POLICY SEMINAR (RATIPS 2023)

2023 PROCEEDING SCOPUS MAIN AUTHOR

33. PROPOSED CYBER HARASSMENT MODEL FOR SOCIAL MEDIA USERS IN MALAYSIA

INTERNATIONAL CONFERENCE ON RESEARCH AND PRACTICES IN SCIENCE, TECHNOLOGY AND SOCIAL SCIENCES

2023 PROCEEDING SCOPUS MAIN AUTHOR

34. INFORMATION SECURITY POLICY COMPLIANCE BEHAVIOR MODELS, THEORIES, AND INFLUENCING FACTORS: A SYSTEMATIC LITERATURE REVIEW

JOURNAL OF THEORETICAL & APPLIED INFORMATION TECHNOLOGY (JATIT)

2022 JOURNAL SCOPUS MAIN AUTHOR

35. ENHANCED SPATIAL PYRAMID POOLING AND INTERSECTION OVER UNION IN YOLOV4 FOR REAL-TIME GROCERY RECOGNITION SYSTEM

JOURNAL OF THEORETICAL AND APPLIED INFORMATION TECHNOLOGY

2022 JOURNAL SCOPUS AND ERA MAIN AUTHOR

36. SECURING DATA USING DEEP HIDING SELECTED THE LEAST SIGNIFICANT BIT AND ADAPTIVE SWARM ALGORITHM

INDONESIAN JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE

2022 JOURNAL SCOPUS MAIN AUTHOR

37. AN EFFECTUAL SECURED APPROACH AGAINST SYBIL ATTACKS IN WIRELESS NETWORKS

INTERNATIONAL JOURNAL OF INTERACTIVE MOBILE TECHNOLOGIES (IJIM)

2022 JOURNAL SCOPUS AND ERA MAIN AUTHOR

38. COMPREHENSIVE LITERATURE REVIEW ON DELAY TOLERANT NETWORK (DTN) FRAMEWORK FOR IMPROVING THE EFFICIENCY OF INTERNET CONNECTION IN RURAL REGIONS OF MALAYSIA

INTERNATIONAL JOURNAL OF SYSTEMS ASSURANCE ENGINEERING AND MANAGEMENT

2022 JOURNAL INDEXED BY SCOPUS MAIN AUTHOR

39. ENHANCED DISRUPTION TOLERANT NETWORK (DTN) FRAMEWORK FOR IMPROVING NETWORK EFFICIENCY IN RURAL AREAS

INTERNATIONAL JOURNAL OF SYSTEMS ASSURANCE ENGINEERING AND MANAGEMENT

2022 JOURNAL INDEXED BY SCOPUS MAIN AUTHOR

PUBLICATION

40. PROPOSED CLOUD COMPUTING RISK ASSESSMENT FRAMEWORK FOR FINANCIAL INSTITUTIONS

7TH INTERNATIONAL CONFERENCE ON INFORMATION TECHNOLOGY & SOCIETY

2022 PROCEEDING SCOPUS MAIN AUTHOR

41. A CLOUD COMPUTING ADOPTION CHALLENGES IN FINANCIAL INSTITUTION.

7TH INTERNATIONAL CONFERENCE ON INFORMATION TECHNOLOGY & SOCIETY, (ICITS 2022)

2022 PROCEEDING SCOPUS MAIN AUTHOR

42. NEXT GENERATION COMMUNICATION NETWORKS FOR INDUSTRIAL INTERNET OF THINGS SYSTEMS

2022 BOOK EDITOR

43. INFLUENCING FACTORS IDENTIFICATION IN SMART SOCIETY FOR INSIDER THREAT IN LAW ENFORCEMENT AGENCY USING A MIXED METHOD APPROACH

INTERNATIONAL JOURNAL OF SYSTEMS ASSURANCE ENGINEERING AND MANAGEMENT

2021 JOURNAL SCOPUS MAIN AUTHOR / CONTACT PERSON IN USIM

44. ESCALATION OF SECURITY AND PRIVACY IN INTERNET OF THINGS USING ADVANCED IPV6 BASED SECURITY MECHANISM

WASIT JOURNAL OF COMPUTER AND MATHEMATICS SCIENCE

2021 JOURNAL OTHER DATABASE MAIN AUTHOR / CONTACT PERSON IN USIM

45. INFORMATION SECURITY THREATS ENCOUNTERED BY MALAYSIAN PUBLIC SECTOR DATA CENTERS

INDONESIAN JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE

2021 JOURNAL SCOPUS MAIN AUTHOR / CONTACT PERSON IN USIM

46. MULTIDIMENSIONAL INSIDER THREAT DETECTION MODEL FOR ORGANIZATION

JOURNAL OF THEORETICAL AND APPLIED INFORMATION TECHNOLOGY

2021 JOURNAL SCOPUS MAIN AUTHOR / CONTACT PERSON IN USIM

47. ANN BASED NOVEL APPROACH TO DETECT NODE FAILURE IN WIRELESS SENSOR NETWORK

COMPUTERS, MATERIALS AND CONTINUA

2021 JOURNAL ERA MAIN AUTHOR / CONTACT PERSON IN USIM

48. A CLOUD COMPUTING ADOPTION CHALLENGES IN FINANCIAL INSTITUTION

RAZAK ANNUAL TECHNOLOGY, INFORMATICS AND POLICY SEMINAR 2021 (RATIPS 2021),

2021 PROCEEDING NON-INDEX MAIN AUTHOR

49. CYBERCOP

2021 BOOK MAIN AUTHOR

50. CYBERCRIME ISSUES IN SMART CITIES NETWORKS AND PREVENTION USING ETHICAL HACKING

DATA-DRIVEN MINING, LEARNING AND ANALYTICS FOR SECURED SMART CITIES

2021 CHAPTER IN BOOK MAIN AUTHOR

51. REVIEW ON USING ARTIFICIAL INTELLIGENCE RELATED DEEP LEARNING TECHNIQUES IN GAMING AND RECENT NETWORKS

DEEP LEARNING IN GAMING AND ANIMATIONS

2021 CHAPTER IN BOOK CO-AUTHOR

52. IOT, IR 4.0, AND AI TECHNOLOGY USABILITY AND FUTURE TREND DEMANDS: MULTI-CRITERIA DECISION-MAKING FOR TECHNOLOGY EVALUATION

DESIGN METHODOLOGIES AND TOOLS FOR 5G NETWORK DEVELOPMENT AND APPLICATION

2021 CHAPTER IN BOOK CO-AUTHOR

PUBLICATION

53. QUERY TRANSLATION FOR MULTILINGUAL CONTENT WITH SEMANTIC TECHNIQUE [TERJEMAHAN PERTANYAAN UNTUK KANDUNGAN PELBAGAI BAHASA DENGAN TEKNIK SEMANTIK]

SAINS MALAYSIANA

2020 JOURNAL ISI AND SCOPUS CO-AUTHOR

54. A REVIEW ON RISK ASSESSMENT USING RISK PREDICTION TECHNIQUE IN THE CAMPUS NETWORK

INTERNATIONAL JOURNAL OF ADVANCED TRENDS IN COMPUTER SCIENCE AND ENGINEERING

2020 JOURNAL SCOPUS MAIN AUTHOR

55. INFORMATION SECURITY COMPLIANCE FRAMEWORK FOR DATA CENTER IN UTILITY COMPANY

MYJICT - MALAYSIAN JOURNAL OF INFORMATION AND COMMUNICATION TECHNOLOGY

2020 JOURNAL OTHER DATABASE MAIN AUTHOR

56. EVALUATION OF TOURISM INFORMATION ACCURACY ASSESSMENT FRAMEWORK

MYJICT - MALAYSIAN JOURNAL OF INFORMATION AND COMMUNICATION TECHNOLOGY

2020 JOURNAL OTHER DATABASE MAIN AUTHOR

57. INDUSTRIAL INTERNET OF THINGS (IIOT) OF FORENSIC AND VULNERABILITIES

INTERNATIONAL JOURNAL OF RECENT TECHNOLOGY AND ENGINEERING

2020 JOURNAL SCOPUS MAIN AUTHOR

58. INDUSTRIAL INTERNET OF THINGS (IIOT) OF FORENSIC AND VULNERABILITIES

INTERNATIONAL JOURNAL OF RECENT TECHNOLOGY AND ENGINEERING

2020 JOURNAL SCOPUS CO-AUTHOR

59. SYSTEMATIC LITERATURE REVIEW OF INFORMATION SECURITY COMPLIANCE BEHAVIOUR THEORIES

JOURNAL OF PHYSICS.: CONFERENCE SERIES

2020 JOURNAL SCOPUS MAIN AUTHOR

60. QUERY TRANSLATION FOR MULTILINGUAL CONTENT WITH SEMANTIC TECHNIQUE

SAINS MALAYSIANA

2020 JOURNAL SCOPUS MAIN AUTHOR / CONTACT PERSON IN USIM

61. GRAPH ANALYSIS STUDY OF A CITY BUS TRANSIT NETWORK

JOURNAL OF PHYSICS.: CONFERENCE SERIES

2020 JOURNAL SCOPUS MAIN AUTHOR

62. A REVIEW ON RISK ASSESSMENT USING RISK PREDICTION TECHNIQUE IN THE CAMPUS NETWORK

INTERNATIONAL CONFERENCE ON ADVANCED INFORMATION SECURITY 2020

2020 PROCEEDING NON-INDEX MAIN AUTHOR

63. INFORMATION SECURITY COMPLIANCE FRAMEWORK FOR DATA CENTER IN UTILITY COMPANY

6TH INTERNATIONAL CONFERENCE ON INFORMATION TECHNOLOGY & SOCIETY

2020 PROCEEDING NON-INDEX MAIN AUTHOR

64. EVALUATION OF TOURISM INFORMATION ACCURACY ASSESSMENT FRAMEWORK

6TH INTERNATIONAL CONFERENCE ON INFORMATION TECHNOLOGY & SOCIETY

2020 PROCEEDING NON-INDEX MAIN AUTHOR

65. BIOMETRIC MOBILE DATA ON SECURE PUBLIC CLOUD VULNERABILITIES

INTERNATIONAL JOURNAL OF RECENT TECHNOLOGY AND ENGINEERING

2019 JOURNAL SCOPUS CO-AUTHOR

PUBLICATION

66. PROPOSED CUSTOMER'S SENSITIVE INFORMATION PRIVACY MODEL FOR FINANCIAL INSTITUTION

2019 INTERNATIONAL CONFERENCE ON COMPUTING, ELECTRONICS & COMMUNICATIONS ENGINEERING (ICCECE)

2019 PROCEEDING NON-INDEX MAIN AUTHOR

67. DETECTING FALSE MESSAGES IN THE SMARTPHONE FAULT REPORTING SYSTEM

EMERGING TRENDS IN INTELLIGENT COMPUTING AND INFORMATICS

2019 PROCEEDING NON-INDEX MAIN AUTHOR

68. IOT- SUPPLY CHAIN FORENSICS AND VULNERABILITIES

INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE AND DATA SCIENCES (AIDAS)

2019 PROCEEDING NON-INDEX CO-AUTHOR

69. PHYCOREMEDIATION OF SMALL AND MEDIUM FOOD ENTERPRISE (SMFE) WASTEWATER BY INDUSTRIAL INTERNET OF THINGS (IIOT)

INTERNATIONAL CONFERENCE ON GREEN CHEMICAL ENGINEERING AND TECHNOLOGY (4THGCET-2019):

2019 PROCEEDING NON-INDEX CO-AUTHOR

70. NOVEL RISK ASSESSMENT METHOD TO IDENTIFY INFORMATION SECURITY THREATS IN CLOUD COMPUTING ENVIRONMENT

ADVANCES IN INTELLIGENT SYSTEMS AND COMPUTING

2019 CHAPTER IN BOOK CO-AUTHOR

71. A PROPOSED TOURISM INFORMATION ACCURACY ASSESSMENT (TIAA) FRAMEWORK

RECENT TRENDS IN DATA SCIENCE AND SOFT COMPUTING

2019 CHAPTER IN BOOK CO-AUTHOR

72. POTENTIAL MEASURES TO ENHANCE INFORMATION SECURITY COMPLIANCE IN THE HEALTHCARE INTERNET OF THINGS

RECENT TRENDS IN DATA SCIENCE AND SOFT COMPUTING

2019 CHAPTER IN BOOK CO-AUTHOR

73. A COMPARATIVE STUDY OF TEXT CLASSIFIER FOR MOBILE CROWDSENSING APPLICATIONS

ADVANCED SCIENCE LETTER

2018 JOURNAL SCOPUS CO-AUTHOR

74. A PROPOSED FALSE REPORT IDENTIFICATION ALGORITHM FOR A MOBILE APPLICATION IN THE IOT ENVIRONMENT

ADVANCED SCIENCE LETTERS

2018 JOURNAL SCOPUS CO-AUTHOR

75. TRANSFORMATIVE CYBER SECURITY MODEL FOR MALAYSIAN GOVERNMENT AGENCIES

INTERNATIONAL JOURNAL OF ENGINEERING & TECHNOLOGY

2018 JOURNAL SCOPUS MAIN AUTHOR

76. PROPOSED PROACTIVE DIGITAL FORENSIC APPROACH FOR CLOUD COMPUTING ENVIRONMENT

INTERNATIONAL JOURNAL OF ENGINEERING & TECHNOLOGY

2018 JOURNAL SCOPUS CO-AUTHOR

77. DIGITAL FORENSIC INVESTIGATION CHALLENGES BASED ON CLOUD COMPUTING CHARACTERISTICS

INTERNATIONAL JOURNAL OF ENGINEERING & TECHNOLOGY

2018 JOURNAL SCOPUS CO-AUTHOR

78. PREVENTIVE MEASURES FOR CROSS SITE REQUEST FORGERY ATTACKS ON WEB-BASED APPLICATIONS

INTERNATIONAL JOURNAL OF ENGINEERING & TECHNOLOGY

2018 JOURNAL SCOPUS CO-AUTHOR

PUBLICATION

79. INFORMATION SECURITY RISK ASSESSMENT FRAMEWORK FOR CLOUD COMPUTING ENVIRONMENT USING MEDICAL RESEARCH DESIGN AND METHOD

ADVANCED SCIENCE LETTERS

2018

JOURNAL

SCOPUS

CO-AUTHOR

80. COMPLETE SECURITY PACKAGE FOR USB THUMB DRIVE

COMPUTER ENGINEERING AND INTELLIGENT SYSTEM

2017

JOURNAL

WOS

CO-AUTHOR

81. PROPOSED DATA QUALITY EVALUATION METHOD FOR A TRANSPORTATION AGENCY

OPENINTERNATIONALJOURNALOFINFORMATICS(OIJI)

2017

JOURNAL

SCOPUS

CO-AUTHOR

82. COMPARATIVE STUDIES ON MOBILE FORENSIC EVIDENCE EXTRACTION OPEN SOURCE SOFTWARE FOR ANDROID PHONE

AMERICAN SCIENTIFIC PUBLISHERS ADVANCED SCIENCE LETTERS

2017

JOURNAL

WOS

MAIN AUTHOR

83. INTERCONNECTED KNOWLEDGE REPOSITORY WITH SEAMLESS CONTENT MANAGEMENT SYSTEM FOR HETEROGENEOUS MULTI LINGUAL RESOURCES

FEIIC - INTERNATIONAL CONFERENCE ON ENGINEERING EDUCATION AND RESEARCH

2017

PROCEEDING

NON-INDEX

CO-AUTHOR

84. SMART E-SERVICE IMPLEMENTATION AS MOBILE AGENT IN A SMART E-GOVERNMENT PLATFORM

INTERNATIONAL JOURNAL OF APPLIED ENGINEERING RESEARCH

2016

JOURNAL

WOS

CO-AUTHOR

85. COMPUTER ASSISTED COUNTER SYSTEM FOR LARVAE AND JUVENILE FISH IN MALAYSIAN FISHING HATCHERIES BY MACHINE LEARNING APPROACH

JOURNAL OF COMPUTERS

2016

JOURNAL

SCOPUS

CO-AUTHOR

86. PROPOSED SEED PIXEL REGION GROWING SEGMENTATION AND ARTIFICIAL NEURAL NETWORK CLASSIFIER FOR DETECTING THE RENAL CALCULI IN ULTRASOUND IMAGES FOR UROLOGIST DECISIONS

IJCSI INTERNATIONAL JOURNAL OF COMPUTER SCIENCE ISSUES

2016

JOURNAL

WOS

MAIN AUTHOR

87. MATLAB IMPLEMENTATION RESULTS: DETECTION AND COUNTING OF YOUNG LARVAE AND JUVENILE BY IMAGE ENHANCEMENT AND REGION GROWING SEGMENTATION APPROACH

INTERNATIONAL JOURNAL OF SOFT COMPUTING AND ENGINEERING(TM)

2015

JOURNAL

WOS

CO-AUTHOR

88. INTERNET OF THINGS(IOT) DIGITAL FORENSIC INVESTIGATION MODEL: TOP-DOWN FORENSIC APPROACH METHODOLOGY

THE FIFTH INTERNATIONAL CONFERENCE ON DIGITAL INFORMATION PROCESSING AND COMMUNICATIONS (ICDIPC2015)

2015

PROCEEDING

NON-INDEX

MAIN AUTHOR

89. INTERACTIVE DATA MINING: A SHORT BACKGROUND STUDY ON EFFECTIVE INTERACTION AND VISUALIZATION BY ASSOCIATION RULES

2ND INTERNATIONAL CONFERENCE ON INNOVATIVE ENGINEERING TECHNOLOGIES (ICIET"2015)

2015

PROCEEDING

NON-INDEX

MAIN AUTHOR

90. SEMANTIC EXTRACTOR TOOL: MATLAB RESULTS AND EVALUATION ON SEMATIC EXTRACTION IN SPORTS VIDEO

INTERNATIONAL CONFERENCE ON INTELLIGENT SYSTEMS, DATA MINING AND INFORMATION TECHNOLOGY (ICIDIT)2014

2014

PROCEEDING

NON-INDEX

MAIN AUTHOR

91. NEW IMPROVEMENT IN DIGITAL FORENSIC STANDARDS OPERATING PROCEDURE (SOP)

PROCEEDINGS OF THE 3RD INTERNATIONAL CONFERENCE ON COMPUTING AND INFORMATICS, ICOCI

2011

PROCEEDING

NON-INDEX

MAIN AUTHOR

PUBLICATION

92. JUMPSTART ON DIGITAL FORENSIC INVESTIGATION FOCUSING INTO MOBILE PDA

NATIONAL CONFERENCE ON INFORMATION RETRIEVAL AND KNOWLEDGE MANAGEMENT (CAMP08)

2008

PROCEEDING

NON-INDEX

MAIN AUTHOR

93. THE SUCCESS FRAMEWORK TRANSITION FROM GOVERNMENT TO E-GOVERNANCE

INTERNATIONAL CONFERENCE ON E-GOVERNANCE

2008

PROCEEDING

NON-INDEX

MAIN AUTHOR

94. COMPUTER FORENSICS WITH IMPROVED FRAMEWORK MODEL

18TH INTERNATIONAL ASSOCIATION OF FORENSIC SCIENCES

2008

PROCEEDING

NON-INDEX

MAIN AUTHOR

95. SUCCESSFUL IT TECHNICAL FRAMEWORK FOR E-GOVERNANCE BASED ON MALAYSIAN CASE STUDY

INTERNATIONAL CONFERENCE ON E-GOVERNANCE

2007

PROCEEDING

NON-INDEX

MAIN AUTHOR

96. THE SUCCESS MODEL OF EVOLUTIONS FROM GOVERNMENT TO E-GOVERNANCE

INTERNATIONAL CONFERENCE ON E-GOVERNANCE

2006

PROCEEDING

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MAIN AUTHOR

CONSULTATION

1. KIPLE PAY MAINTANACE

KIPLE PAY SDN.BHD

2021

NATIONAL

2. MISMIS RESOURCE PLANNING ANALYTICS SYSTEM MRPAS)

FUNDER:KPT(PPRN) / NFA TECHNOLOGIES SDN BHD

2020

NATIONAL

3. STRATEGY DEVELOPMENT ON E-LEARNING SOFTWARE

AXCELASIA SOFTNEX

2020

INTERNATIONAL

4. KIPLE FRAUD MANAGEMENT SYSTEM

WEB ONLINE SDN BHD

2019

INTERNATIONAL

5. MRP SYSTEM DEVELOPMENT

INDKOM ENGINEERING

2017

NATIONAL

6. COMPUTER FORENSIC ANALYSIS

ROYAL MALAYSIA POLICE

2015

NATIONAL

AWARDS/RECOGNITION

1. STAFF CONTOH BULAN (KATEGORI -AKADEMIK ANTARABANGSA)

2025

UNIVERSITY

2. VISITING LECTURER (PENSYARAH PELAWAT)

S.A. ENGINEERING COLLEGE

2025

INTERNATIONAL

3. CONFERENCE PAPER REVIEWER

9TH INTERNATIONAL CONFERENCE ON ALGORITHMS, COMPUTING AND SYSTEMS (ICACS 2025)

2025

INTERNATIONAL

4. VISITING LECTURER (PENSYARAH PELAWAT)

SATHYABAMA UNIVERSITY

2025

INTERNATIONAL

5. CONFERENCE PAPER REVIEWER

INTERNATIONAL CONFERENCE ON COMPUTATIONAL INTELLIGENCE, SECURITY AND SYSTEMS (ICISS 2025)

2025

INTERNATIONAL

6. VISITING PROFESOR

VEL TECH RANGARAJAN DR. SAGUNTHALA R&D INSTITUTE OF SCIENCE AND TECHNOLOGY

2025

INTERNATIONAL

7. VISITING PROFESOR

VEL TECH RANGARAJAN DR. SAGUNTHALA R&D INSTITUTE OF SCIENCE AND TECHNOLOGY

2025

INTERNATIONAL

8. VISITING PROFESOR

VEL TECH RANGARAJAN DR. SAGUNTHALA R&D INSTITUTE OF SCIENCE AND TECHNOLOGY

2025

INTERNATIONAL

9. TRAINER / FACILITATOR

JEPPIAAR INSTITUTE OF TECHNOLOGY CANDIDATE COMPLETED POSTDOC IN USIM UNDER MY SUPERVISION

2025

OTHERS

10. TRAINER / FACILITATOR

UNIVERSITY SCIENCE ISLAM MALAYSIA

2025

NATIONAL

11. VISITING LECTURER (PENSYARAH PELAWAT)

UNIVERSITY OF WOLLONGONG AUSTRALIA

2025

INTERNATIONAL

12. TRAINER / FACILITATOR

VEL TECH RANGARAJAN DR.SAGUNTHALA R&D INSTITUTE OF SCIENCE AND TECHNOLOGY

2025

INTERNATIONAL

13. TRAINER / FACILITATOR

VEL TECH RANGARAJAN DR.SAGUNTHALA R&D INSTITUTE OF SCIENCE AND TECHNOLOGY

2025

INTERNATIONAL

14. SPECIALIST GAZETTEMENT (GAZETTMENT PAKAR)

NEXTGEN PITCH 2025

2025 INTERNATIONAL

AWARDS/RECOGNITION

15. SPECIALIST GAZETEMENT (GAZETTMENT PAKAR)

SURUNJAYA SYARIKAT MALAYSIA

2025

NATIONAL

16. VISITING PROFESOR

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY VADAPALANI CAMPUS

2024

INTERNATIONAL

17. VISITING PROFESOR

VEL TECH RANGARAJAN DR.SAGUNTHALA R&D INSTITUTE OF SCIENCE AND TECHNOLOGY

2024

INTERNATIONAL

18. CURRICULUM ADVISOR (PENASIHAT KURIKULUM)

INTI INTERNATIONAL UNIVERSITY

2024

OTHERS

19. INDIVIDU YANG MENYUMBANG MYRA TERTINGGI

2022

UNIVERSITY

20. CERTIFICATE OF MERIT

2022

INTERNATIONAL

21. EMAS

2022

INTERNATIONAL

22. ACADEMIC ADVISOR

CYBERSECURITY MALAYSIA (CSM)

2022

INTERNATIONAL

23. ADJUNCT PROFESSOR

VEL TECH RANGARAJAN DR.SAGUNTHALA R&D INSTITUTE OF SCIENCE AND TECHNOLOGY

2022

INTERNATIONAL

24. Q-CAT KIT USIM

33RD INTERNATIONAL INVENTION,INNOVATION & TECHNOLOGY EXHIBITION, MALAYSIA (ITEX'22)

2022

ANTARABANGSA

GOLD

25. USIM Q-CAT (QUALITY CARDIOPULMONARY-RESUSCITATION KIT FOR TRAINING)

Persidangan dan Ekspo Ciptaan Institusi Pengajian Tinggi Antarabangsa (PECIPTA22)

2022

ANTARABANGSA

GOLD

26. USIM Q-CAT (QUALITY CARDIOPULMONARY-RESUSCITATION FOR TRAINING)

INNOVATION BANK CHALLENGE (IBC 2022)

2022

UNIVERSITI

GOLD

27. INTERNATIONAL INNOVATION AWARD

2021

INTERNATIONAL

28. ACADEMIC ADVISOR

SERI STAMFORD COLLEGE

2021

NATIONAL

AWARDS/RECOGNITION

29. ACADEMIC ADVISOR

SERI STAMFORD COLLEGE

2021 NATIONAL

30. ACADEMIC ADVISOR

UOW MALAYSIA KDU UNIVERSITY COLLEGE

2021 UNIVERSITY

31. USIM QUALITY CARDIOPULMONARY RESUSCITATION TRAINING KIT (USIM Q-CAT KIT)

MALAYSIA TECHNOLOGY EXPO (MTE 2021)

2021 ANTARABANGSA GOLD

32. INVENTION AND INNOVATION SILVER AWARDS

2020 INTERNATIONAL

33. INTERNATIONAL AWARD OF MERIT

2020 INTERNATIONAL

34. ACADEMIC ADVISOR

CYBER SECURITY MALAYSIA

2020 INTERNATIONAL

35. NAQLI AQLI INTEGRATED SEMANTIC SEARCH ENGINE (NAISSE)

MALAYSIA TECHNOLOGY EXPO 2020 (THE 19th INTERNATIONAL EXPO ON INVENTIONS AND INNOVATIONS) MTE 2020

2020 ANTARABANGSA SILVER

36. QUALITY-CARDIOPULMONARY RESUSCITATION TRAINING (Q-CAT) KIT

eCARNIVAL RESEARCH INNOVATION (eCRI 2020)

2020 KEBANGSAAN GOLD

37. GOLD AWARD (TOP WINNER FUNDAMENTAL)

2019 INTERNATIONAL

38. CERTIFICATE OF APPRECIATION

2019 UNIVERSITY

39. ACADEMIC ADVISOR

PSMB

2019 NATIONAL

40. ACADEMIC ADVISOR

UNIVERSITY UTARA MALAYSIA

2019 OTHERS

41. NAISSE: ONE STOP INTEGRATED REPOSITORY CROSS LINGUAL SEMANTIC INFORMATION RETREIVAL ON PROPHETIC FOOD

INTERNATIONAL CONFERENCE AND EXPOSITION ON INVENTIONS BY INSTITUTIONS OF HIGHER LEARNING (PECIPTA'19)

2019 ANTARABANGSA GOLD

42. ANUGERAH PERKHIDMATAN CEMERLANG

2018 UNIVERSITY

AWARDS/RECOGNITION

43. VISITING RESEARCHER

CHARLES DARWIN UNIVERSITY CYBER SECURITY

2018

INTERNATIONAL

44. VISITING RESEARCHER

UNIVERSITY NEW SOUTH WALES CYBER SECURITY DIVISION

2018

INTERNATIONAL

45. ACADEMIC ADVISOR

AKADEMI KEPIMPINAN PENDIDIKAN TINGGI (AKEPT)

2018

NATIONAL

46. VISITING SCHOLAR

AUSTRALIA CENTRE FOR CYBER SECURITY

2017

INTERNATIONAL

47. PENGHARGAAN KECEMERLANGAN PERKHIDMATAN

2016

UNIVERSITY

48. VISITING SCHOLAR

SYDNEY CYBER SECURITY NETWORK

2016

INTERNATIONAL

49. ANUGERAH NAIB CANSELOR

2015

UNIVERSITY

50. BEST RESEARCH PROJECT 2013 IN MALAM CITRA INOVASI.

2013

INTERNATIONAL

51. SILVER MEDAL IN ITEX 2012 EXHIBITING DIGITAL LIVE FORENSIC TOOL V2.0

2012

INTERNATIONAL

52. BRONZE MEDAL IN PECIPTA 2011 EXHIBITING DIGITAL LIVE FORENSIC TOOL

2011

INTERNATIONAL

53. SILVER MEDAL IN I-INOVA 2011 EXHIBITING DIGITAL LIVE FORENSIC TOOL V1.0

2011

NATIONAL